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| L11 | 41 | NAS adj controller | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:34 |

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| L24 | 2465 | 709/229.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:42 |
| L25 | 282 | 714/3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:42 |
| L26 | 1330 | 370/235.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:42 |
| L27 | 8985 | 22 or 23 or 24 or 25 or 26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:43 |
| L28 | 150 | 8 and 27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 16:43 |
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| L4 | 1690739 | memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 14:41 |
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| L7 | 5922527 | notify or notified or notification or signal or signaled or signaling or indicate or indicated or indication or indicating | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 11:39 |
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| L23 | 1335 | 711/202.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/12 12:25 |
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1. **Creating a national lab shared storage infrastructure**
Karpoff, W.
Parallel and Distributed Processing Symposium., Proceedings International, IPDPS 2002, Abstracts and CD-ROM
2002
Page(s): 55-65
Digital Object Identifier 10.1109/IPDPS.2002.1015541
**Summary:** Big science requires large research teams and huge amounts of data. The Internet 2 project provides the pipes, but where are the next generation buckets that will feed that network? The national labs require a storage infrastructure that is readily e.....
AbstractPlus | Full Text: PDF IEEE CNF

2. **Introducing SCSI-to-IP cache for storage area networks**
Xubin He; Qing Yang; Ming Zhang
Parallel Processing, 2002. Proceedings. International Conference on
2002
Page(s): 203- 210
Digital Object Identifier 10.1109/ICPP.2002.1040875
**Summary:** Data storage plays an essential role in today's fast-growing data-intensive network services. iSCSI is one of the most recent standards that allow SCSI protocols to be carried out over IP networks. However, the disparities between SCSI and IP preven.....
AbstractPlus | Full Text: PDF IEEE CNF

3. **Toward the age of smarter storage**
Robinson, G.S.
Computer
Volume: 35 Issue: 12 Dec 2002
Page(s): 35- 41
Digital Object Identifier 10.1109/MC.2002.1106177
**Summary:** Looks at how adding intelligence to standard devices and interfaces has produced major improvements in storage capacity intelligence, making storage easier to manage and safeguard.....
AbstractPlus | Full Text: PDF IEEE JNL

4. **Using idle disks in a cluster as a high-performance storage system**
Hansen, J.S.; Lachaize, R.
Cluster Computing, 2002. Proceedings. 2002 IEEE International Conference on
2002
Page(s): 415- 424
Digital Object Identifier 10.1109/CLUSTR.2002.1137774
**Summary:** In many clusters today, the local disks of a node are only used sporadically. This paper describes the software support for sharing of disks in clusters, where the disks are distributed across the nodes in the cluster, thereby allowing them to be co.....
AbstractPlus | Full Text: PDF IEEE CNF

5. **Hardware hangover**
Goldstein, H.
Spectrum, IEEE
Volume: 40 Issue: 1 Jan. 2003
Page(s): 40- 43
Digital Object Identifier 10.1109/MSPEC.2003.1159728
**Summary:** For corporations the world over, the tech bubble of the late 1990s was an orgy of excess, which, like all parties that go on too long and involve far too much consumption, ended in a brutal hangover. Information technology (IT) departments simply bo.....

AbstractPlus | Full Text: PDF | Full Text: HTML IEEE JNL

6. **Secure group services for storage area networks**
Yongdae Kim; Maino, F.; Narasimha, M.; Tsudik, G.
Security in Storage Workshop, 2002. Proceedings. First International IEEE
11 Dec. 2002
Page(s): 80- 93
**Summary:** Storage Area Networks, with their ability to offer high data availability, reliability and scalability, are a promising solution for the large scale storage needs of many enterprises. As with any distributed storage system, a major design challenge .....

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7. **NAS switch: a novel CIFS server virtualization**
Katsurashima, W.; Yamakawa, S.; Torii, T.; Ishikawa, J.; Kikuchi, Y.; Yamaguti, K.; Fujii, K.; Nakashima, T.
Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. 20th IEEE/11th NASA Goddard Conference on
7-10 April 2003
Page(s): 82- 86
**Summary:** This paper proposes a common Internet file system (CIFS) server virtualization method which requires no proprietary software or hardware for clients or network attached storage (NAS) units. The method is implemented as an in-band network application.....

AbstractPlus | Full Text: PDF IEEE CNF

8. **Towards an object store**
Azagury, A.; Dreizin, V.; Factor, M.; Henis, E.; Naor, D.; Rinetzky, N.; Rodeh, O.; Satran, J.; Tavory, A.; Yerushalmi, L.
Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. 20th IEEE/11th NASA Goddard Conference on
7-10 April 2003
Page(s): 165- 176
**Summary:** Today's SAN architectures promise unmediated host access to storage (i.e., without going through a server). To achieve this promise, however, we must address several issues and opportunities raised by SANs, including security, scalability and manage.....

AbstractPlus | Full Text: PDF IEEE CNF

9. **SPEK: a storage performance evaluation kernel module for block level storage systems**
Zhang, M.; Yang, Q.; He, X.
Modeling, Analysis and Simulation of Computer Telecommunications Systems, 2003. MASCOTS 2003. 11th IEEE/ACM International Symposium on
12-15 Oct. 2003
Page(s): 88- 95
Digital Object Identifier 10.1109/MASCOT.2003.1240646
**Summary:** In this paper we introduce SPEK (storage performance evaluation kernel module), a benchmarking tool for measuring and characterizing raw performance of data storage systems at block level. It can be used for both DAS (direct attached storage) and bl.....

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